



1.7 Find Perimeter, Circumference, and Area

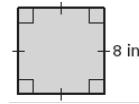
Square  $A = s^2$

Rectangle  $A = bh$

Triangle  $A = \frac{1}{2}bh$

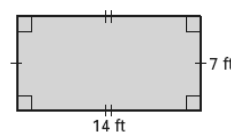
Circle  $C = 2\pi r$ $A = \pi r^2$
 \uparrow d

Find the perimeter (or circumference) and area of the figure.

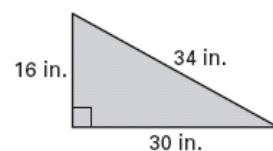


from wsA

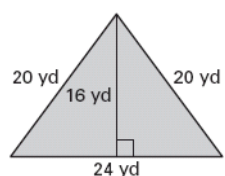
Find the perimeter (or circumference) and area of the figure.



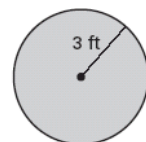
Find the perimeter (or circumference) and area of the figure.



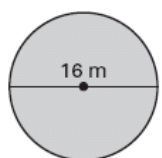
Find the perimeter (or circumference) and area of the figure.



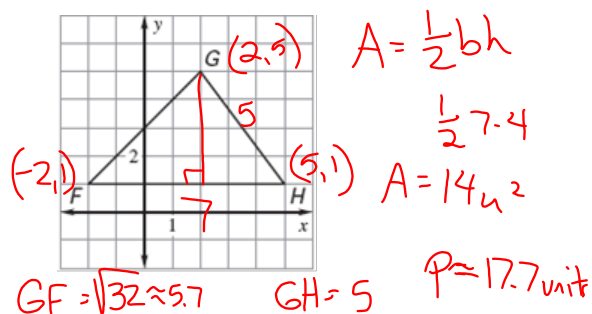
Find the perimeter (or circumference) and area of the figure.



Find the perimeter (or circumference) and area of the figure.



Find the perimeter (or circumference) and area of the figure. Round to the nearest tenth.



The area of a rectangle is 551 square inches, and its width is 19 inches. Find the length of the rectangle.

$$A = l \cdot w$$

$$551 = 19 \cdot l$$

$$29 \text{ in} = l$$

Area = 189 cm²
Find height.



$$189 = \frac{1}{2} 21 \cdot h$$

$$18 \text{ cm} = h$$

The circumference of a circle is 37.7 in. Find the area.

$$C = 2\pi r$$

$$\frac{37.7}{(2\pi)} = \frac{2\pi r}{2\pi}$$

$$6.0 \approx r$$

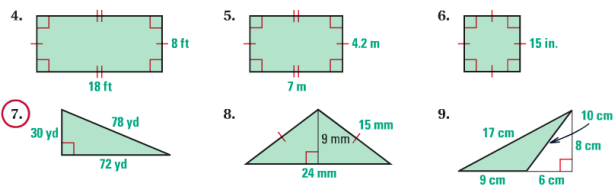
$$A \approx 113.1 \text{ in}^2$$

p 44-45
3-8, 12, 13, 18-25
p 52-54
4, 6, 8, 18, 28, 29, 31

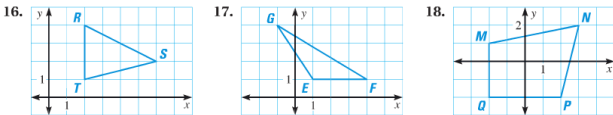
NEW HW
p44-45 #s 3-8, 12, 13, 18-25
p52-54 #s 4, 6, 8, 18, 28, 29, 31

HW
p52-54
#s 4-9, 16-18, 27-29, 31, 32

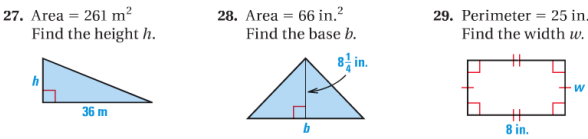
PERIMETER AND AREA Find the perimeter and area of the shaded figure.



DISTANCE FORMULA Find the perimeter of the figure. Round to the nearest tenth of a unit.



UNKNOWN MEASURES Use the information about the figure to find the indicated measure.



31. **ALGEBRA** The area of a rectangle is 18 square inches. The length of the rectangle is twice its width. Find the length and width of the rectangle.
32. **ALGEBRA** The area of a triangle is 27 square feet. Its height is three times the length of its base. Find the height and base of the triangle.